

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 3

Complete if Known

Application Number	10/693,988
Filing Date	October 27, 2003
First Named Inventor	Reshef TENNE et al
Parent Group Art Unit	4754 134
Confirmation No.	5785
Attorney Docket Number	TENNE=3A

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
AA		4,055,630		McCoy et al	October 1977	
AB		4,299,892		Dines et al	November 1981	
AC		4,390,514		Chianelli et al	June 1983	
AD		4,548,800		Badesha et al	October 1985	
AE		4,676,969		Smith	June 1987	
AF		5,958,358		Tenne et al	September 1999	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Number			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number	Kind Code ⁵ (if known)				
AG		EP	0 580 019	B1	Yeda Research and Dev. Co.	01-26-1994		
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AI		WO	98/23796	A1	Yeda Research and Dev. Co.	06-04-1998		

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

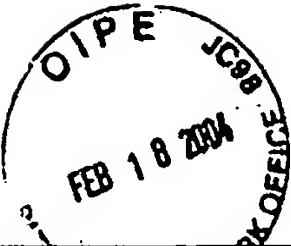
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
AJ		Y. FELDMAN et al., "High-Rate, gas-Phase Growth of MoS ₂ Nested Inorganic Fullerenes and Nanotubes", <i>Science</i> , January 13, 1995, pp. 222-225, vol. 267 <i>JAN 1995</i>	
AK		Y. FELDMAN et al., "Bulk Synthesis of Inorganic Fullerene-like MS ₂ (M=Mo, W) from the Respective Trioxides and the Reaction Mechanism", <i>Journal of the American Chemical Society</i> , 1996, pp. 5362-5367, vol. 118, no. 23 <i>no month</i>	
AL		M. HERSHFINKEL et al., "Nested Polyhedra of MX ₂ (M=W, Mo; X=S, Se) Probed by High-Resolution Electron Microscopy and Scanning Tunneling Microscopy", <i>Journal of the American Chemical Society</i> , 1994, pp. 1914- 1917, vol. 116	
AM		M. REMSKAR et al., "MoS ₂ as Microtubes", <i>Appl. Phys. Lett.</i> , July 15, 1996, vol. 69, no. 3	
AN		M. REMSKAR et al., "New Crystal Structures of WS ₂ : Microtubes, Ribbons, and Ropes", <i>Adv. Mater.</i> , 1998, pp. 246-249, vol. 10, no. 3 <i>no month</i>	
AO		M. REMSKAR et al., "Stabilization of the Rhombohedral Polytype in MoS ₂ and WS ₂ Microtubes: TEM and AFM Study", <i>Surface Science</i> , 1999, pp. 637-641, vol. 435 <i>no month</i>	
AP		M. REMSKAR et al., "Syntactic Coalescence of WS ₂ Nanotubes", <i>Applied Physics Letters</i> , June 14, 1999, pp. 3633-3635, vol. 74, no. 24	
AQ		R. TENNE et al., "Polyhedral and Cylindrical Structures of Tungsten Disulphide", <i>Nature</i> , December 1992, pp. 444-445, vol. 360	
AR		C.M. ZELENSKI et al., "Template Synthesis of Near-Monodisperse ¹ Microscale Nanofibers and Nanotubules of MoS ₂ ", <i>J. Am. Chem. Soc.</i> , 1998, pp. 734-742, vol. 120 <i>no month</i>	

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Considered

12/10/2004

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Substitute for form PTO		Complete if Known	
		Application Number	10/693,988
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Filing Date	October 27, 2003
		First Named Inventor	R. TENNE et al
		Group Art Unit	1754-1734
		Confirmation No.	5785
		Attorney Docket Number	TENNE=3A
Sheet	2	of	3

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
AS		AJAYAN, P.M. et al; "Carbon nanotubes as removable templates for metal oxide nanocomposites and nanostructures"; <i>Nature</i> , Vol. 375, pp. 564-567; 1995. JUNE 1995	
AT		CHOPRA, N.G. et al; "Boron Nitride Nanotubes"; <i>Science</i> ; Vol. 269; 1995; pp. 966-967. AUG 1995	
AD		DAI, H. et al; "Nanotubes as nanoprobe in scanning probe microscopy"; <i>Nature</i> ; Vol. 384; 1996; pp. 147-150. NOV 1996	
AV		FELDMAN, Y. et al; "Kinetics of Nested Inorganic Fullerene-like Nanoparticle Formation"; <i>J. Am. Chem. Soc.</i> ; Vol. 120; 1998, pp 4176-4183. APRIL 1998	
AW		FREY, G.L.; "Optical properties of MS2 (M = Mo, W) inorganic fullerene-like and nanotube material optical absorption and resonance Raman measurements"; <i>J. Mater Res.</i> Vol. 13, No. 9, 1998; pp. 2412-2417. SEP 1998	
AX		GLEMSER, O. "Zur Frage der Wolframblauverbindungen"; <i>Z. Anorg. Allg. Chem.</i> 1964, 332, 299-313.. NO MONTH	
AT		HARDCASTLE, F.D.; "Determination of the Molecular Structures of Tungstates by Raman Spectroscopy"; <i>Journal of Raman Spectroscopy</i> , Vol. 26, 1995; pp. 397-405 FEBRUARY 1995	
AY		HORSLEY, J.A.; "Structure of Surface Tungsten Oxide Species in the WO ₃ /Al ₂ O ₃ Supported Oxide System from X-ray Absorption Near-Edge Spectroscopy and Raman Spectroscopy"; <i>J. Phys. Chem.</i> Vol. 91, 1987; pp. 4014-4020. NO MONTH	
AZ		IGUCHI, E.; "Strain Energy Between CS Planes"; <i>Journal of Solid State Chemistry</i> ; Vol. 23, 1978; pp. 231-239. NO MONTH	
BA		IJIMA, S. "Helical microtubules of Graphitic carbon"; <i>Nature</i> ; Vol. 354; 1991; pp. 56-58. November 1991	
BB		MARGULIS, L. "Nested fullerene-like structures"; <i>Nature</i> ; Vol. 365, 1993; pp. 113-114. SEPTEMBER 1993	
BC		MIYANO, T. et al; "High-Resolution Electron Microscopic Studies of CS Structure in Reduced WO ₃ Thin Crystals"; <i>Japanese Journal of Applied Physics</i> ; Vol. 22, 1983; pp.863-868. MAY 1983	

Examiner Signature		Date Considered	12/10/2004
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Sheet | 3

of | 3

Attorney Docket Number

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**Examiner
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